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ALBUM OF DRAWINGS OF TYPE ДК2 DIESEL-DRIVEN COMPRESSOR

ENCLOSED WITH DESCRIPTION AND INSTRUCTIONS FOR OPERATION

USSR

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CONTENTS

Page

List of Parts 3

DRAWINGS

Sheet

General View 1
General View 2
General View 3
Diagrammatic Arrangement of Diesel-Driven Compressor 4
Diesel Engine Casing 5
Motion Mechanism (Exhaust Side) 6
Motion Mechanism (Scavenging Side) 7
1st and 4th Stage Casing 8
1st and 4th Stage Head 9
2nd and 3rd Stage Casing 10
2nd and 3rd Stage Head 11
Spherical Disk Valve 12
Fuel Pump 13
Fuel Nozzle with Knife-Edge Filter 14
Float Chamber with Fine Filter 15
Water Pump with Drive 16
Special Packing Glands for Water Pump and Drive 17
1st and 2nd Stage Coolers 18
3rd and 4th Stage Coolers 19
4th Stage Safety Valve 20
Pressure Maintaining Valve 21
Pressure and Temperature Regulator 22
Silencer 23
Silencer-Filter 24
Starting Air Distributor 25
Automatic Starting Mechanism 26
Starting Diagram 27
System for Taking Air from 1st Stage for Scavenging 28
Oil Piping 29
Lubricator 30
Longitudinal Section Through Diesel-Driven Compressor 31
Cross Section Through Diesel-Driven Compressor 32

SECRET

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LIST OF PARTS

Item No	Designation	Description of assembly or part
1	ДК2-05.002	1st and 4th stage head
2	ДК2-04.002	1st and 4th stage casing
3	ДК2-07.020Б	Pressure gauge board
4	ДК2-02.003	Intermediate casing, assembled
5	ДК2-16.011-4	Float chamber with filter
6	ДК2-02.002	Diesel engine casing (exhaust side), assembled
7	ДК2-08.038	Bracket with valves
8	ДК2-04.003	2nd and 3rd stage casing, assembled
9	ДК2-05.001	2nd and 3rd stage head, assembled
10	ДК2-05.120	3rd stage cover
11	524-1336А	Pressure maintaining valve
12	ДК2-08.017	4th stage safety valve
13	ДК2-08.028	Pressure and temperature regulator
14	ДК10-09.031	Starting air distributor
15	ДК2-06.007А	1st stage cooler
16	ДК2-06.016А	4th stage cooler
17	ДК2-06.011А	3rd stage cooler
18	ДК2-06.001А	2nd stage cooler
19	ДК2-14.008	Silencer-filter
20	ДК2-10.020	Lubricator
21	ДК2-02.019	Water pump with drive
22	ДК2-06.025	Sight glass
23	ДК2-10.015	Nozzle with knife-edge filter
24	ДК2-10.001	Fuel pump
25	ДК2-02.006	Automatic starting mechanism
26	536-1103	Connector $Д_у$ 6
27	ДК2-02.106	Clip
28	068-1117а	Packing ring $Д_в$=118; δ=6
29	068-1117д	Packing ring $Д_в$=130, δ=6
30	ДК2-02.102	Intermediate casing
31	ДК2-02.101	Diesel engine casing
32	ДК2-02.001	Power cylinder
33	536-1104	Connector $Д_у$ 6

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Item No.	Designation	Description of assembly or part
34	938-И173	Packing ring $Д_o$=112; δ=6
35	535-И1	Drain cock
36	ДК2-02.015	Protector
37	556-И94	Connector $Д_y$ 20
38	556-И86	Connector $Д_y$ 20
39	ДК2-02.105	Pipe connection
40	ДК2-03.125	Flame ring
41	ДК2-03.117	Diesel engine piston ring
42	ДК2-03.004	Power piston, assembled
43	ДК2-03.104	Pin M16
44	ДК2-03.183	Castle nut M16
45	ДК2-03.138	2nd stage piston
46	ДК2-03.136	Cross-member pin
47	ДК2-03.154	Cross-member
48	923-И148	Nut M16
49	ДК2-03.144	Step bearing
50	ДК2-03.143	Split step bearing
51	923-И125	M20 pressure nut
52	ДК2-03.007	3rd stage piston rod
53	ДК2-03.139	Piston ring
54	ДК2-03.141	3rd stage piston
55	ДК2-03.140	Piston ring
56	ДК2-03.150	Pin
57	ДК2-03.153	Toothed rack
58	ДК2-03.005	4th stage piston, assembled
59	ДК2-03.102	Piston ring
60	ДК2-03.135	Pin
61	ДК2-03.008	4th stage piston rod
62	ДК2-03.105	1st stage piston
63	ДК2-03.132	Pin
64	ДК2-05.007	Spherical disk valve
65	ДК2-03.010	Valve board
66	ДК2-03.149	Cross-member pin
67	926-И36	Cotter pin 2.5×25
68	923-И40	Nut M16

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Item No.	Designation	Description of assembly or part
69	ДК2-03.127	Intermediate ring
70	ДК2-03.128	Piston ring
71	ДК2-04-102	1st stage casing
72	938-И94	Gasket
73	556-И83	Connector $Д_y$ 6
74	938-И173	Packing ring $Д_o$=20; δ=6
75	938-И173	Packing ring $Д_o$=212; δ=6
76	ДК2-04.105	1st stage cylinder liner
77	ДК2-05.007	Spherical disk valve
78	ДК2-05.003А	4th stage discharge pipe connection
79	ДК2-05.128	4th stage head
80	ДК2-05.129	1st and 4th stage cover
81	938-И173	Packing ring $Д_o$=36; δ=6
82	ДК2-05.138	4th stage suction pipe connection
83	ДК2-05.004А	Spherical disk valve
84	ДК2-05.132	Water jacket
85	ДК2-05.133	4th stage cylinder liner
86	ДК2-04.101	2nd and 3rd stage casing
87	ДК2-04.103	2nd stage cylinder liner
88	938-И173	Packing ring $Д_o$=100; δ=6
89	556-И84	Connector $Д_y$ 6
90	938-И93	Gasket
91	ДК2-05.008	Spherical disk valve
92	921-И372	Protective screw M8
93	ДК2-08.124	Insert
94	938-И109	Gasket
95	ДК2-05.009А	Spherical disk valve
96	ДК2-05.119А	Valve ring
97	938-И173	Packing ring $Д_o$=75; δ=6
98	938-И119	Gasket
99	558-И2	Protector
100	ДК2-05.120	3rd stage cover
101	ДК2-05.008	Spherical disk valve
102	ДК2-05.147	2nd and 3rd stage head
103	ДК2-05.116	Spring disk

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Item No.	Designation	Description of assembly or part
104	935-И88	Spring СШП
105	ГОСТ 3722-60	Ball ø 10
106	556-И88	Connector $Л_y$ 8
107	ДК2-05.101	Valve cap
108	935-36.059	Spring
109	ДК2-05.104	Valve disk
110	ДК2-05.102	Valve seat
111	ДК2-10.154	Transmission shaft
112	ДК2-10.158	Cam
113	ДК2-10.101	Fuel pump casing
114	ДК2-10.102	Tappet arm
115	ДК2-10.109	Tappet arm pivot
116	ДК2-10.138	Gear
117	ДК2-10.142	Recoil spring
118	ДК2-10.137-1	Plunger
119	ДК2-10.136-1	Plunger barrel
120	ДК2-10.132	Fuel pump head
121	ДК2-10.010	Discharge valve
122	ДК2-10.161-1	Regulator sleeve
123	ДК2-10.134	Toothed rack
124	ДК2-10.105	Hollow screw
125	ДК2-10.103	Hand priming lever
126	ДК2-10.111	Spherical disk valve
127	ДК2-10.160	Gear
128	ДК2-10.156	Transmission shaft bearing cap
129	ДК2-10.140	Connector
130	ДК2-10.012	Float chamber
131	ДК2-10.004	Handle
132	ДК2-10.181	Nozzle body
133	ДК2-10.182	Nozzle spray
134	ДК2-10.188	Thrust sleeve
135	ДК2-10.190	Knife-edge filter rod
136	ДК2-10.189	Knife-edge filter body
137	ДК2-10.183-1	Nozzle needle
138	ДК2-10.187	Body head

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Item No.	Designation	Description of assembly or part
139	ДК2-08.191	Sleeve
140	936-И66	Pressure nut
141	ДК2-08.193	Plunger
142	ДК2-08.194	Adjusting nut
143	ДК2-08.177	Adjustable ring
144	ДК10-08.288	Special nut
145	ДК10-08.231	Body
146	ДК2-02.178	Pump casing
147	ДК2-02.163	Sleeve with partition
148	ДК2-02.166	Bearing bush (left-hand)
149	ДК2-02.169	Shaft sleeve (left-hand)
150	ДК2-02.030	Bearing cap
151	ДК2-02.026	Pipe, assembled
152	ДК2-02.022	Valve board
153	ДК2-02.177	Water pump head
154	ДК2-02.025	Pipe, assembled
155	ДК2-05.007	Spherical disk valve
156	ДК2-02.252	Pump shaft
157	ДК2-02.032	Coupling flange (pump side)
158	ДК2-02.212	Cone sleeve
159	ДК2-02.170	Coupling
160	ДК2-02.038	Lubricator drive rod
161	ДК2-02.180	Drive shaft
162	ДК2-02.039	Drive cover
163	ДК2-02.041	Coupling flange
164	ДК2-02.171	Drive casing
165	ДК2-02.029	Packing gland housing, assembled
166	ДК2-02.174	Bearing bush (right-hand)
167	ДК2-02.172	Shaft sleeve (right-hand)
168	924-И69	Lock washer
169	935-И87	Spring ПК2
170	938-36.461	Collar
171	ДК2-02.230	Nut
172	ДК2-02.183	Ring
173	ДК2-02.189	Packing gland housing

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Item No.	Designation	Description of assembly or part
174	938-И189	Packing ring
175	ДК2-02.326	Spring
176	ДК2-02.206	Carrier
177	ДК2-06.126	Pipe connection
178	ДК2-06.022	Pipe connection
179	ДК2-06.008А	Cooler housing
180	524-И351	1st stage safety valve
181	ДК2-06.039А	Radiator
182	ДК2-06.103	Rib
183	ДК2-06.118	Bend
184	938-И148	Gasket
185	ДК10-08.170	Spring СШП
186	ДК2-06.237	Radiator tube
187	ДК2-06.147	Bend
188	ДК2-06.108	Pipe connection
189	938-И173	Packing ring $Д_о$=45; δ=6
190	ДК2-06.006	2nd stage cooler pipe connection
191	ДК2-06.101	Right hand head
192	ДК2-06.003А	2nd stage cooler housing, assembled
193	ДК2-06.102А	Left-hand head
194	936-И51	Plug M30×1.5
195	ДК2-06.013А	Housing
196	ДК10-08.232	Valve
197	ДК2-08.208	Connector
198	ДК2-08.210	Seat
199	ДК2-06.188Б	Right-hand head
200	ДК2-06.143А	Left-hand head
201	556-И155	Connector
202	ДК2-06.154А	Left-hand head
203	938-И173	Packing ring $Д_о$=30; δ=6
204	ДК2-06.018А	Housing
205	ДК2-06.155А	Right-hand head
206	ДК2-08.173	Seat
207	ДК2-08.174	Body
208	ДК2-08.175А	Valve

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Item No.	Designation	Description of assembly or part
209	ДК2-08.177А	Insert
210	ДК2-08.178	Stop
211	ДК2-08.179	Disk
212	935-И194	Spring СШП
213	ДК2-08.180	Cup
214	921-И475	Special screw
215	524-И257	Seal
216	556-И78	Outlet connector $Д_у$ 3
217	926-И41	Cylindrical pin 5Пр1з×26
218	524-36.017	Connector
219	523-И142	Sleeve
220	523-И143	Lower seat
221	523-И144	Upper seat
222	ДК2-08.172	Cup
223	524-И340А	Body
224	523-И145	Rod
225	524-И339	Sleeve
226	524-И545	Adjusting cup
227	524-И338	Cup
228	935-И100	Spring СШП
229	921-И90	Screw М4×6
230	ДК2-06.228	Connector
231	ДК2-14.062	Flame trap housing
232	ДК2-14.064А	Silencer body
233	ДК2-14.240	Welded pipe
234	---	Mineral wool, gr. I cl. A
235	ДК2-14.241	Pipe
236	ДК2-14.063	Set of expanders
237	250.00.132	Gasket
238	МН-536-3М9	Brass straight pipe connection drain cock
239	ДК2-14.0100	Gauze
240	ДК2-14.011	Central pipe
241	---	Purchased capron bristle ø 0.25÷0.3 ТУМ.ПП 233-49
242	ДК2-14.116	Filter housing

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Item No.	Designation	Description of assembly or part
243	ДК2-14.212А	Bottom cover
244	ДК10-09.178	Body
245	556-И82	Connector $Д_у$ 8
246	ДК10-09.054	Safety valve
247	523-И142	Lower seat
248	ДК10-09.176	Shaft
249	935-И101	Spring СШП
250	ДК10-09.034	Handle
251	935-И102	Spring СШП
252	ДК2-08.209	Connector
253	—	Ball ø according to catalogue "Sojuzpodshipniksbit"
254	ДК2-08.211	Seat
255	938-СК3	Collar 12×20
256	ДК10-08.185	Stem
257	ДК10-08.174	Special nut
258	938-СК7	Collar 16×28
259	938-СК2	Collar 10×18
260	ДК10-09.032	Valve (regulating one)
261	935-И83	Spring СШП
262	ДК2-02.110	Stop
263	ДК2-02.113	Lever
264	ДК2-02.117	Pin
265	935-И82	Spring СШП
266	ДК2-02.114	Automatic starting mechanism body
267	ДК10-09.020	Self-acting starting valve
268	ДК2-02.125	Spring
269	ДК2-02.124	Percussion piston
270	ДК2-02.122	Pivot
271	ДК2-02.121	Starting latch
272	ДК2-02.128	Lever
273	518-И235	Type ВЛС 150/30 reducer with parts for connection
274	518-36.007	Starting air bottle
275	ДК2-12.006	Starting handle, assembled
276	ДК2-09.013	Piping to reducer [illegible] to HP stage cylinder

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Item No.	Designation	Description of assembly or part
277	ДК2-09.010	Piping to deliver lubricant to 1st stage cylinder
278	ДК2-09.009	Piping to deliver lubricant to Diesel engine liner (scavenging side)
279	ДК2-09.008	Piping to deliver lubricant to fuel pump shaft
280	ДК2-09.007	Piping to deliver lubricant to toothed rack guide (fuel pump side)
281	ДК2-09.002	Piping to deliver lubricant to toothed rack guide (water pump side)
282	ДК2-09.003	Piping to deliver lubricant to water pump drive shaft
283	ДК2-09.006	Piping to deliver lubricant to Diesel engine liner (exhaust side)
284	ДК2-09.005	Piping to deliver lubricant to 2nd stage cylinder
285	ДК2-09.014	Piping to deliver lubricant to 3rd stage cylinder
286	ДК2-10.281	Pump element body
287	ДК2-10.296-1	Slide valve actuating disk
288	ДК2-10.298-1	Plunger actuating disk
289	ДК2-10.299	Driven gear
290	ДК2-10.294	Shaft
291	ДК2-10.267	Driving gear
292	ДК2-10.266-1	Shaft
293	ДК2-10.269-1	Casing
294	ДК2-10.273-4	Roller coupling casing
295	ДК2-10.286-1	Tappet screw
296	ДК2-10.285	Plunger
297	ДК2-10.292	Slide valve
298	ДК2-10.305-3	Rocker arm
299	ДК2-10.270-2	Sprocket
300	ДК2-10.274-2	Sprocket
301	—	Roller ø 9×12
302	938-H90	Gasket
303	ДК2-04.001	1st stage valve cover
304	ДК2-05.008	Spherical disk valve
305	938-H89	Gasket

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Item No.	Designation	Description of assembly or part
306	938-11945	Gasket
307	ДК2-02108	Guide sleeve
308	ДК2-10.167	Stroke index flange
309	ДК2-10.168А	Stroke index
310	—	Starting air non-return valve
311	ДК2-10.012-3	Casing
312	ДК2-10.013	Float
313	ДК2-10.028-1	Filtering medium
314	ДК2-10.280-2	Cover
315	ДК2-08.182	Sleeve
316	ДК10.06.164	Target
317	ДК10.40.181	Gasket
318	865-11100	Spring CIIIH
319	ДК10-08.172	Throttling screw
320	ДК10.08.167	Stop
321	502-47.006	Stop valve
322	ДК2-07.155	Discharge stock

DRAWINGS

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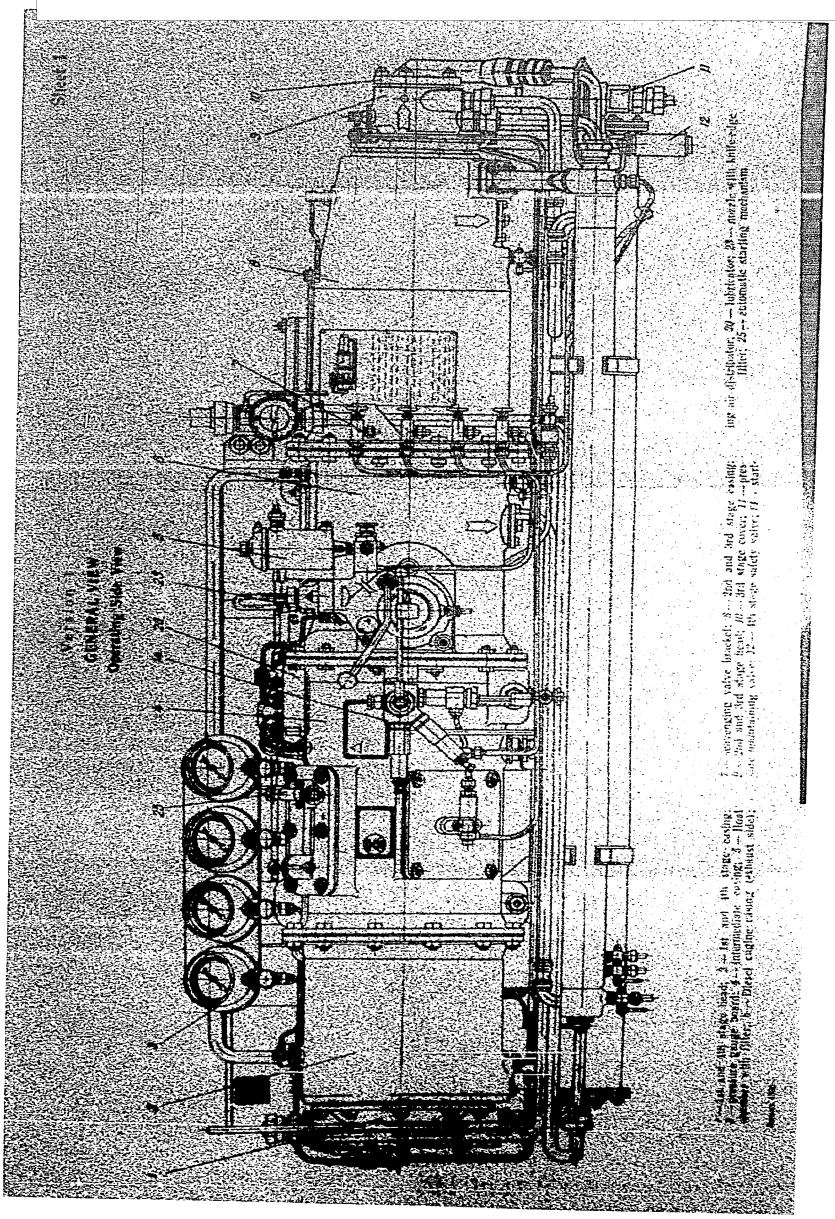

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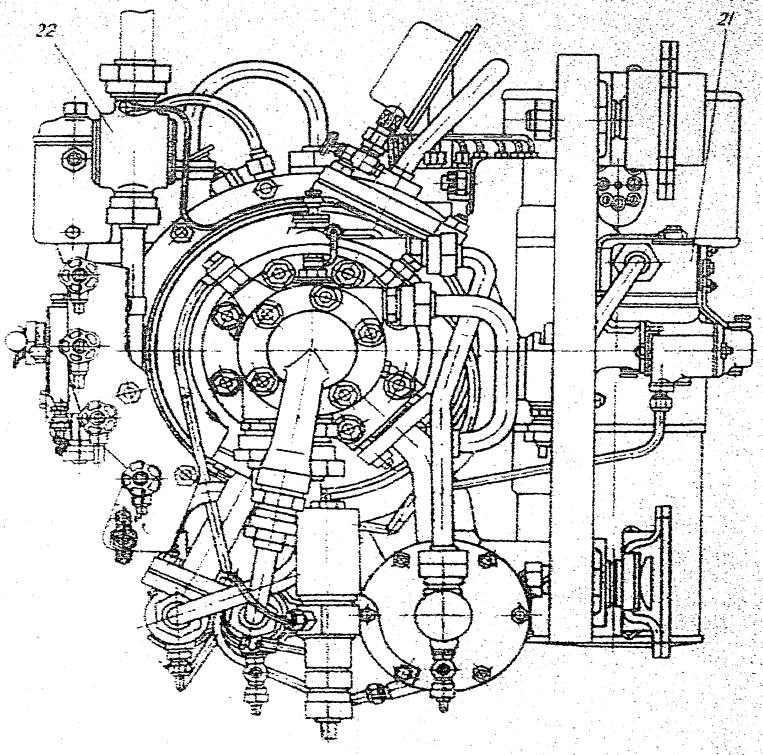
Sheet 2

Version I

GENERAL VIEW

Right Side View



21 — water pump with drive; 22 — sight glass

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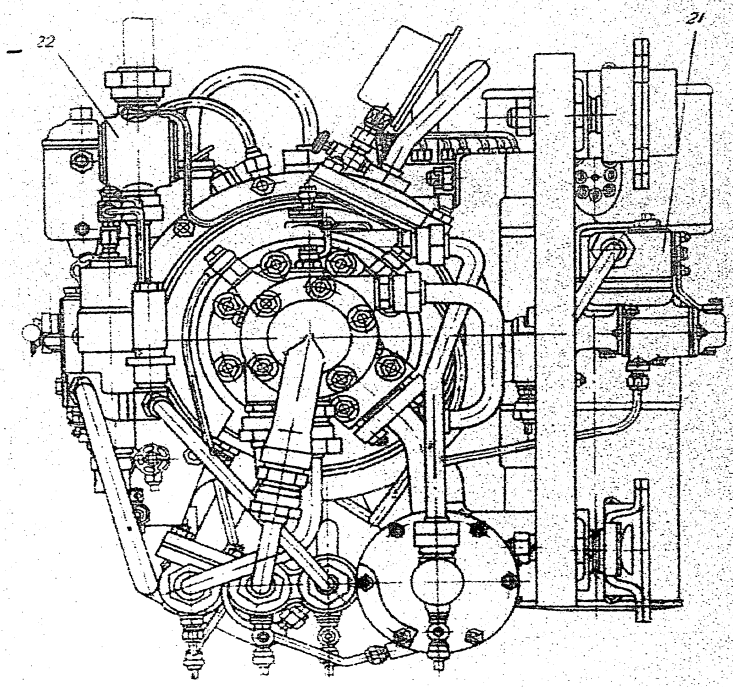
Sheet 2

Version 2

GENERAL VIEW

Right Side View



21 — water pump with driver, 22 — sight glass

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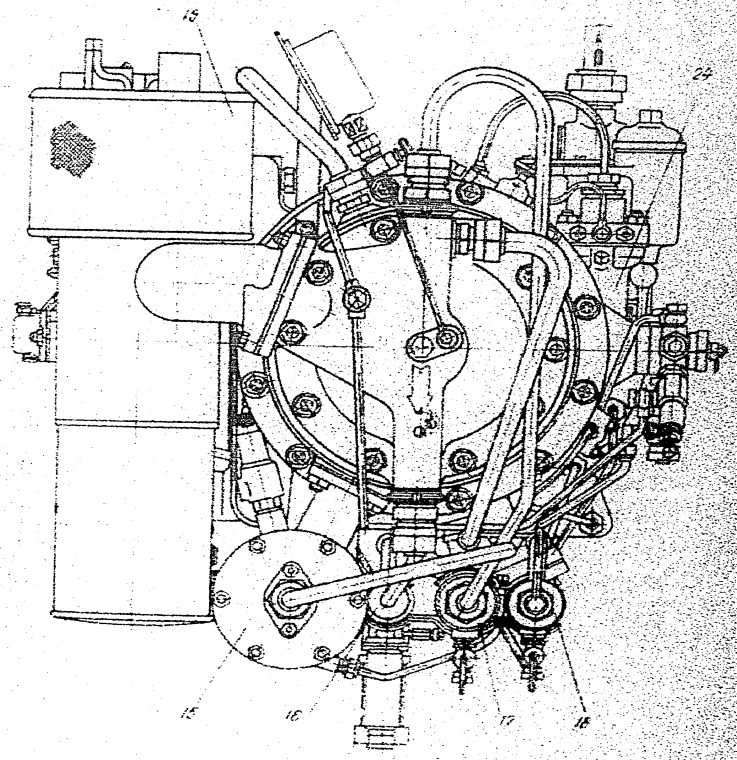
Sheet 3

Version 1

GENERAL VIEW

Left Side View



15 — 1st stage cooler; 16 — 4th stage cooler; 17 — 3rd stage cooler; 18 — 2nd stage cooler; 19 — strainer filter; 24 — fuel pump

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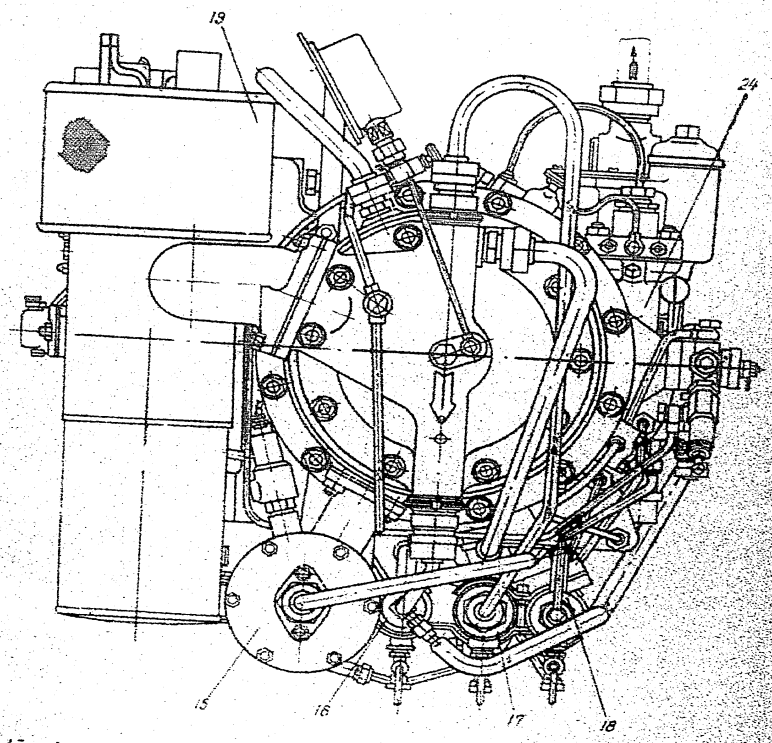
Sheet 3

Version 2

GENERAL VIEW

Left Side View



15 — 1st stage cooler; *16* — 4th stage cooler; *17* — 3rd stage cooler; *18* — 2nd stage cooler; *19* — silencer-filter; *24* — fuel pump

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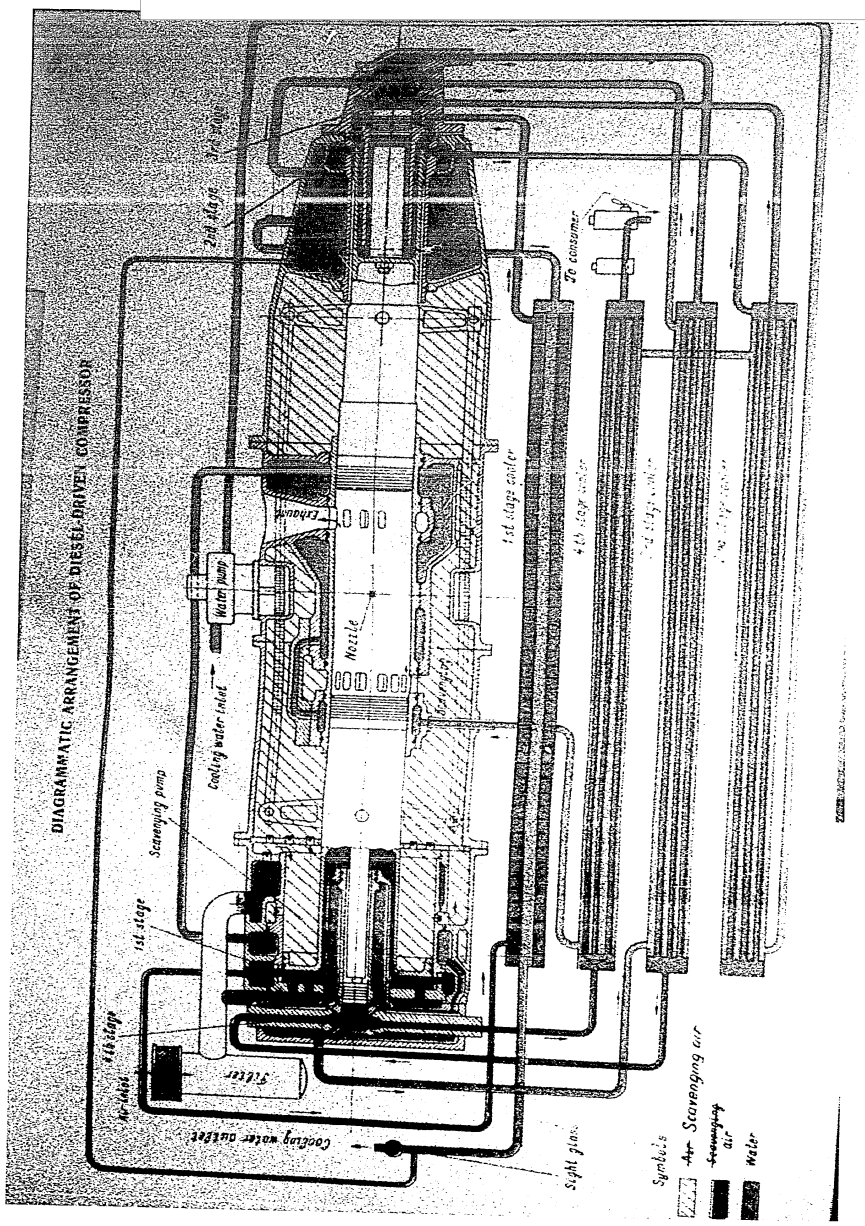

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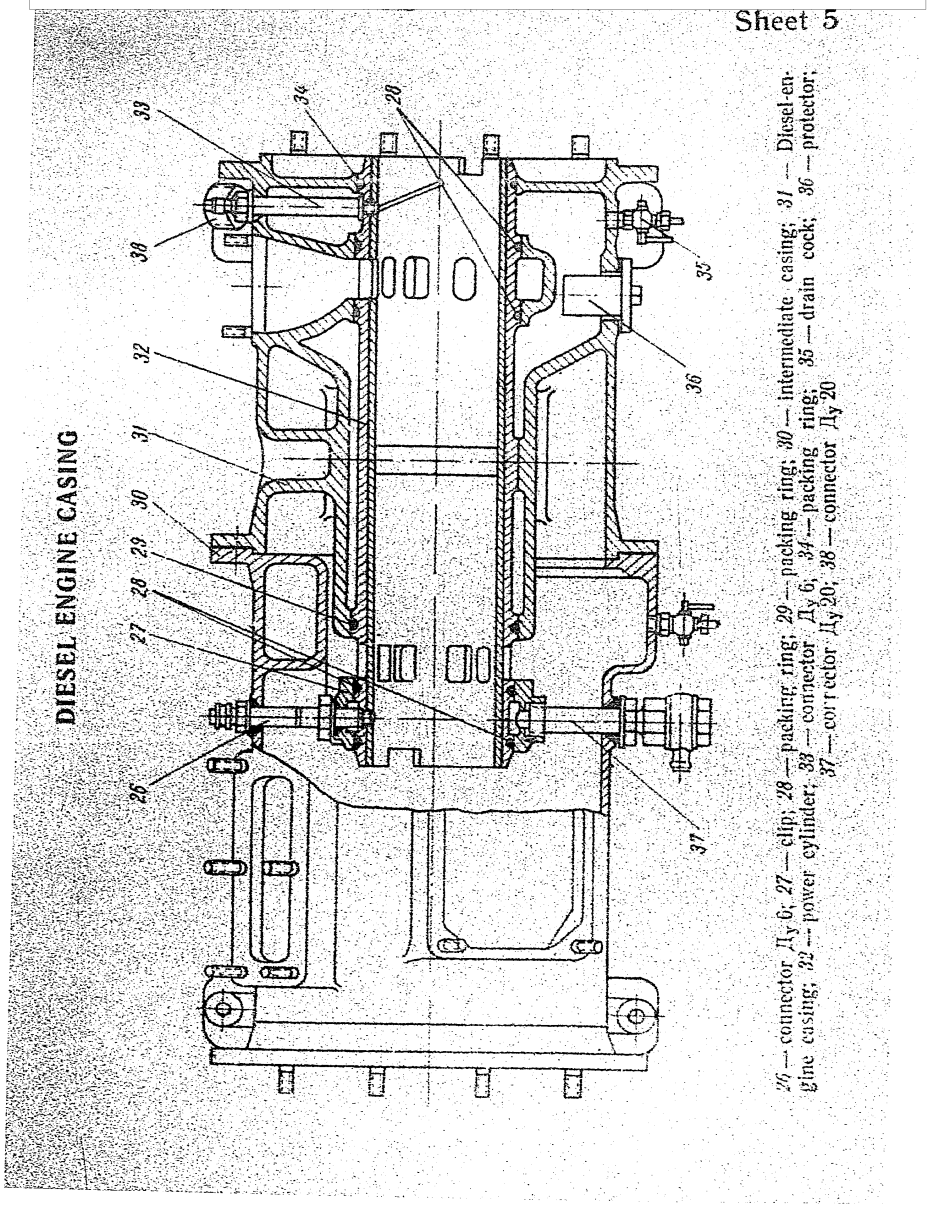
Sheet 5



26 — connector Ду 6; 27 — clip; 28 — packing ring; 29 — packing ring; 30 — intermediate casing; 31 — Diesel-engine casing; 32 — power cylinder; 33 — connector Ду 6; 34 — packing ring; 35 — drain cock; 36 — protector; 37 — connector Ду 20; 38 — connector Ду 20

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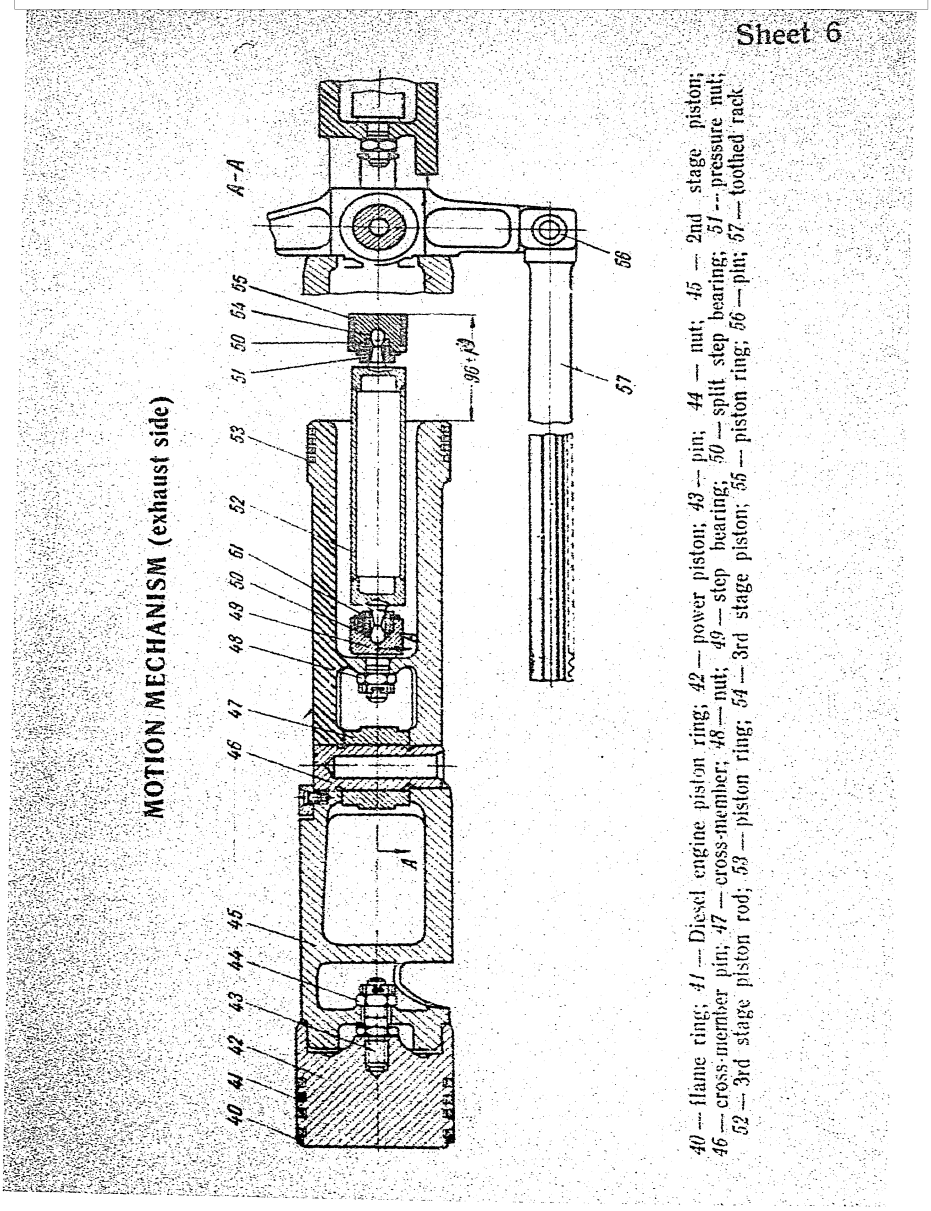
Sheet 6



40 — flame ring; 41 — Diesel engine piston ring; 42 — power piston; 43 — pin; 44 — nut; 45 — 2nd stage piston; 46 — cross-member pin; 47 — cross-member; 48 — nut; 49 — step bearing; 50 — split step bearing; 51 — pressure nut; 52 — 3rd stage piston rod; 53 — piston ring; 54 — 3rd stage piston; 55 — piston ring; 56 — pin; 57 — toothed rack

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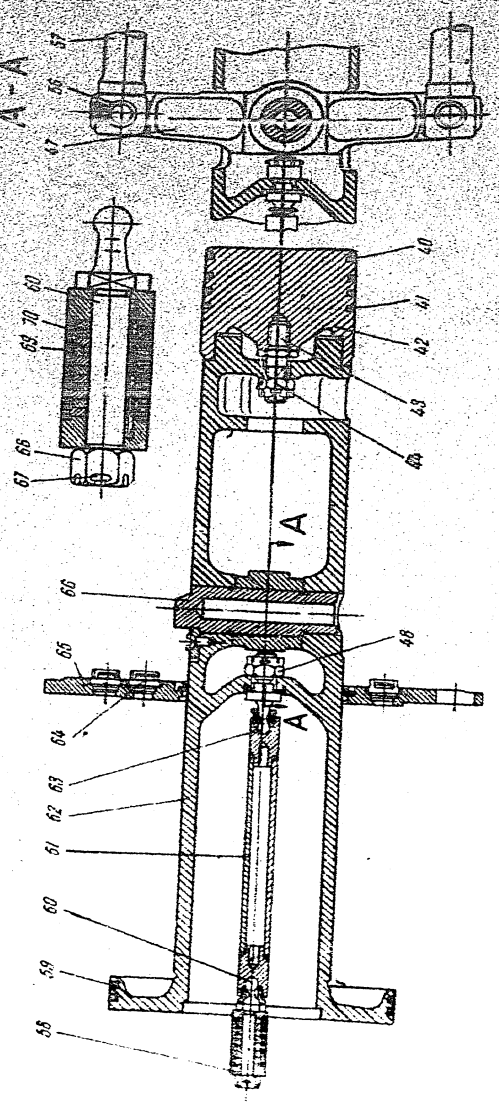
Sheet 7

MOTION MECHANISM (scavenging side)

4th Stage Piston



...ring; 41 — Diesel engine piston ring; 42 — power piston; 43 — pin; 44 — nut; 47 — cross-member; 48 — nut; ...; 57 — bedded rack; 58 — 4th stage piston; 59 — piston ring; 60 — pin; 61 — 4th stage piston rod; 62 — 1st stage ...; 63 — pin; 64 — spherical disk valve; 65 — valve board; 66 — cross-member pin; 67 — cotter pin; 68 — nut; 69 — intermediate ring; 70 — piston ring

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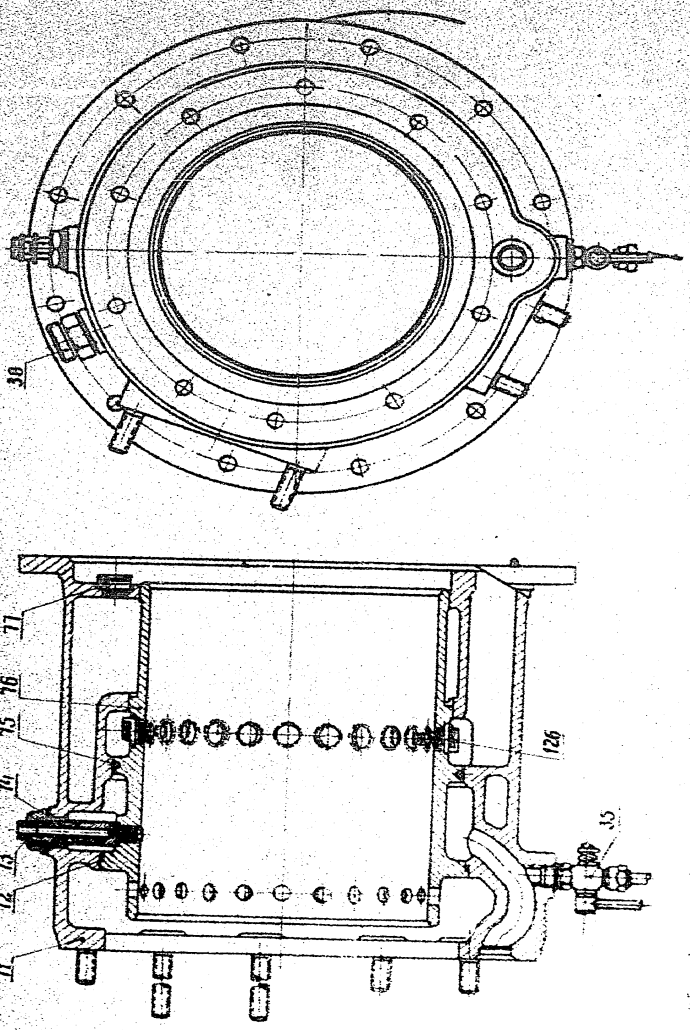
Sheet 8

1st AND 4th STAGE CASING



35 — drain cock; 38 — connector Ду 20; 71 — 1st stage casing; 72 — gasket; 73 — connector Ду 6; 74 — packing ring; 75 — packing ring; 76 — 1st stage cylinder liner; 77 — spherical disk valve; 126 — spherical disk valve

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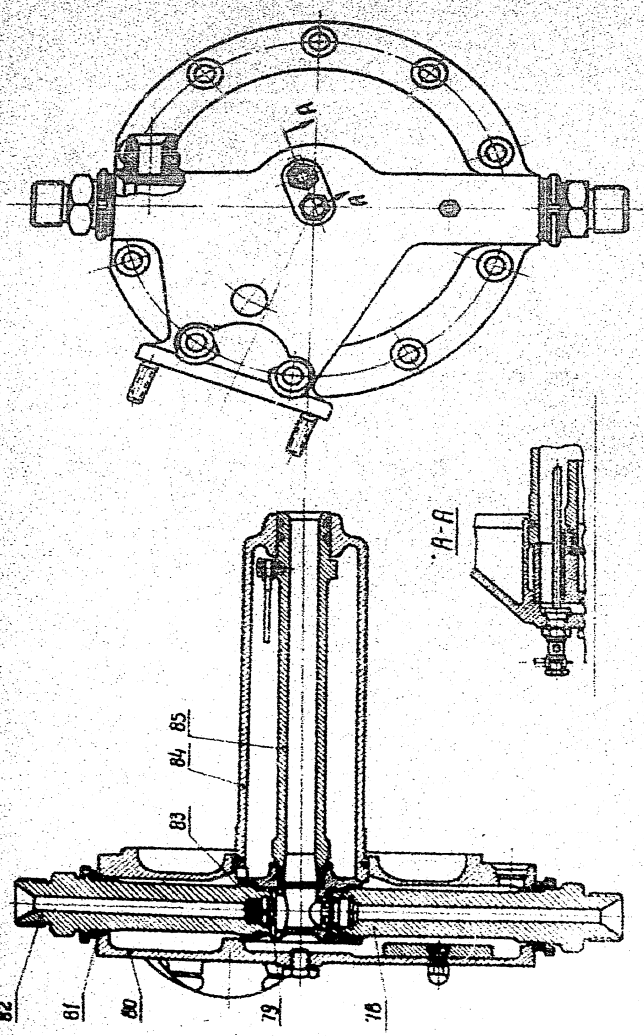
Sheet 9

1st AND 4th STAGE HEAD



78 — 4th stage discharge pipe connection; 79 — 4th stage head; 80 — 1st and 4th stage cover; 81 — packing ring; 82 — 4th stage suction pipe connection; 83 — spherical disk valve; 84 — water jacket; 85 — 4th stage cylinder liner

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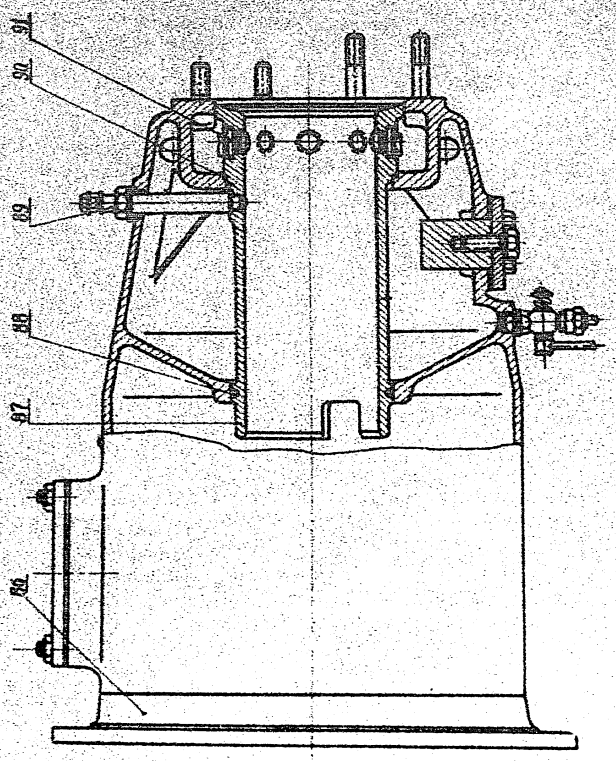
Sheet 10



2nd AND 3rd STAGE CASING

86 — 2nd/3rd stage casing; 87 — 2nd stage cylinder liner; 88 — packing ring; 89 — connector Ly 6; 90 — gasket; 91 — spherical disk valve

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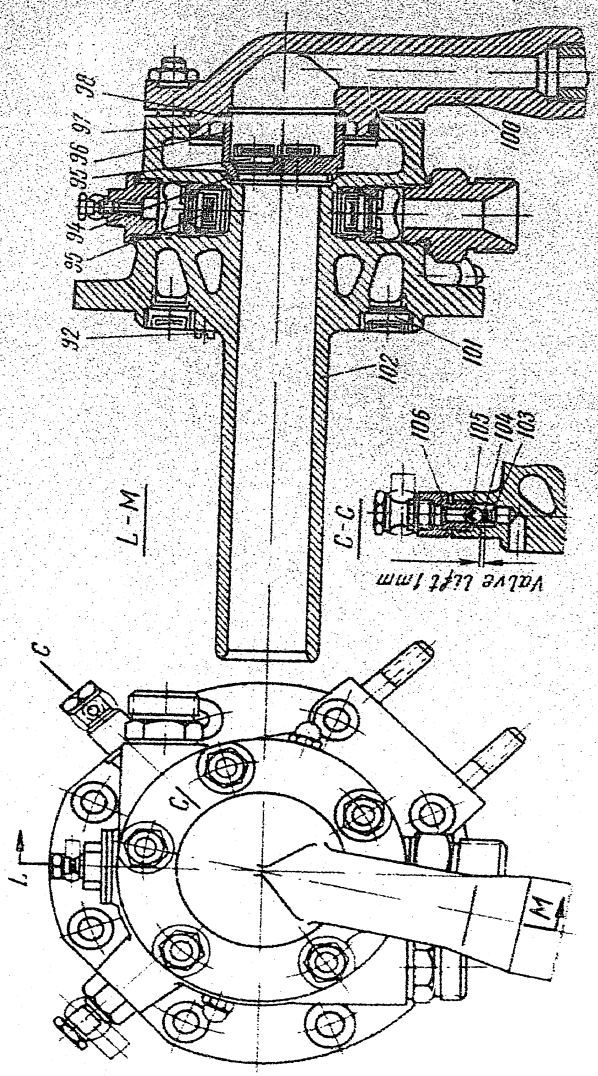
Sheet 11

2nd AND 3rd STAGE HEAD



92 — protective screw; 94 — gasket; 95 — spherical disk valve; 96 — valve ring; 97 — packing ring; 98 — gasket; 100 — 3rd stage cover; 101 — spherical disk valve; 102 — 2nd and 3rd stage head; 103 — spring disk; 104 — spring; 105 — ball; 106 — connector Ay 8

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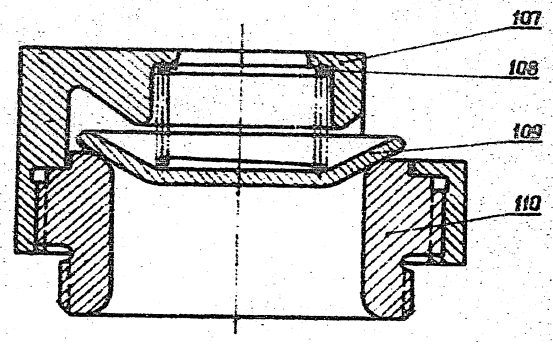
Sheet 12

SPHERICAL DISK VALVE



107 — valve cap; *108* — spring; *109* — valve disk; *110* — valve seat

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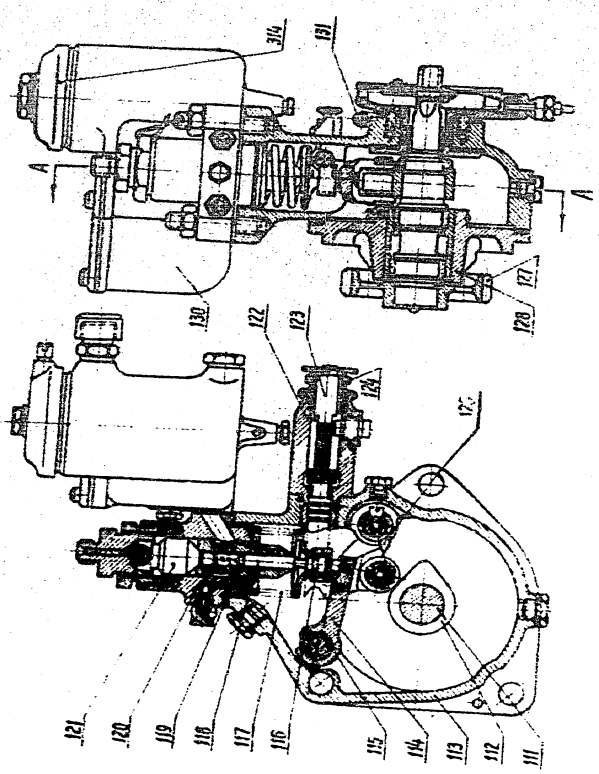
Sheet 13

FUEL PUMP

A-A



111 — transmission shaft; 112 — cam; 113 — fuel pump casing; 114 — tappet arm; 115 — tappet arm pivot; 116 — gear; 117 — recoil spring; 118 — plunger; 119 — plunger barrel; 120 — fuel pump head; 121 — discharge valve; 122 — regulator sleeve; 123 — toothed rack; 124 — hollow screw; 125 — hand priming lever; 127 — gear; 128 — transmission shaft bearing cap; 130 — float chamber; 131 — handle; 314 — cover

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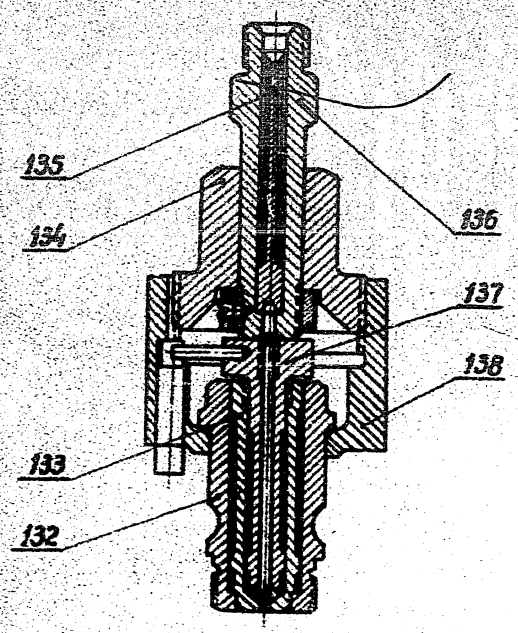
Sheet 14

FUEL NOZZLE WITH KNIFE-EDGE FILTER



132 — nozzle body; *133* — nozzle spray; *134* — thrust sleeve; *135* — knife-edge filter rod; *136* — knife-edge filter body; *137* — nozzle needle; *138* — body head

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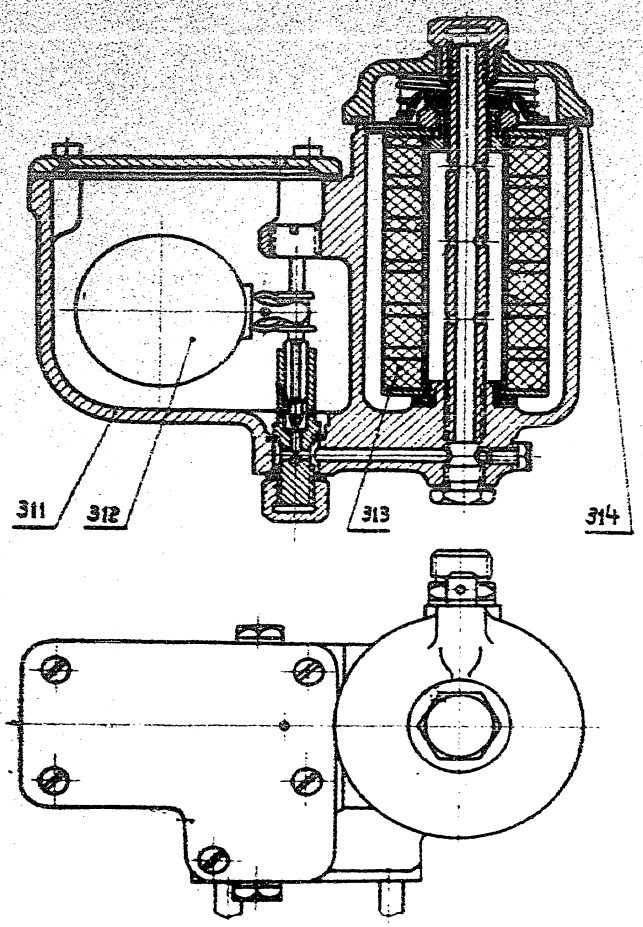
Sheet 15

FLOAT CHAMBER WITH FINE FILTER



311 — casing, *312* — float, *313* — filtering medium, *314* — cover

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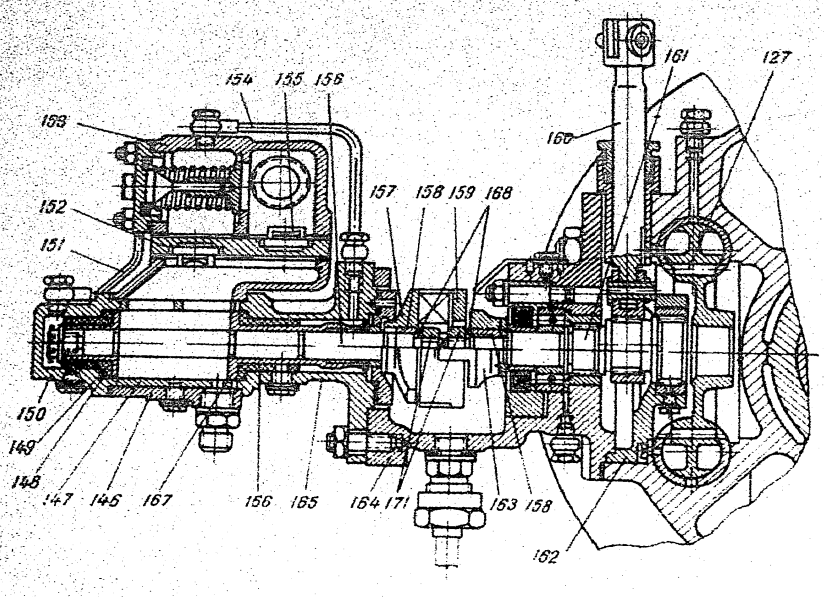
Sheet 16

WATER PUMP WITH DRIVE



127 — gear; *146* — pump casing; *147* — sleeve with partition; *148* — bearing bush (left-hand); *149* — shaft sleeve (left-hand); *150* — bearing cap; *151* — pipe, assembled; *152* — valve board; *153* — water pump head; *154* — pipe, assembled; *155* — spherical disk valve; *156* — pump shaft; *157* — coupling flange (pump side); *158* — cone sleeve; *159* — coupling; *160* — lubricator drive rod; *161* — drive shaft; *162* — drive cover; *163* — coupling flange; *164* — drive casing; *165* — packing gland housing, assembled; *166* — bearing bush (right-hand); *167* — shaft sleeve (right-hand); *168* — lock washer; *171* — nut

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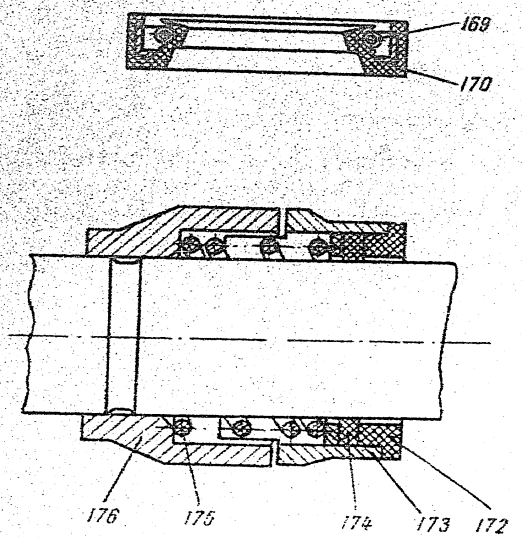
Sheet 17

SPECIAL PACKING GLANDS FOR WATER PUMP AND DRIVE



169 — spring; *170* — collar; *172* — ring; *173* — packing gland housing; *174* — packing ring; *175* — spring; *176* — carrier

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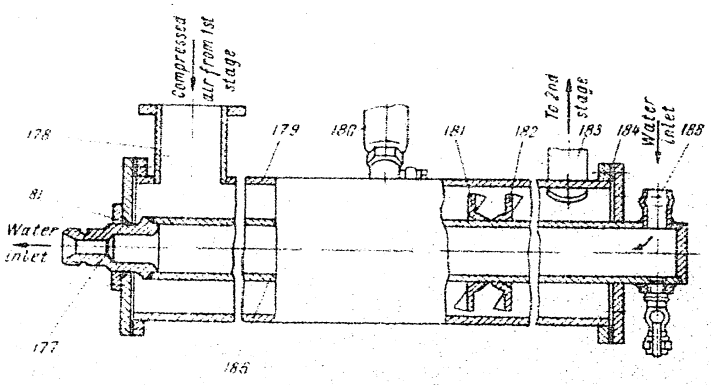
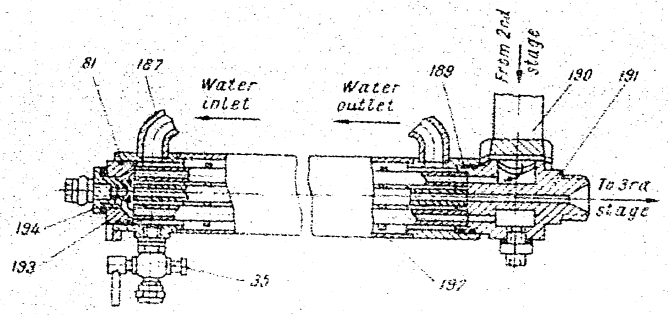
Sheet 18

1st AND 2nd STAGE COOLERS

1st Stage Cooler



2nd Stage Cooler



35 — drain cock; *81* — packing ring; *177* — pipe connection; *178* — pipe connection; *179* — cooler housing; *180* — 1st stage safety valve; *181* — radiator; *182* — rib; *183* — bend; *184* — gasket; *186* — radiator tube; *187* — bend; *188* — pipe connection; *189* — packing ring; *190* — 2nd stage cooler pipe connection; *191* — right hand head; *192* — 2nd stage cooler housing; *193* — left-hand head; *194* — plug

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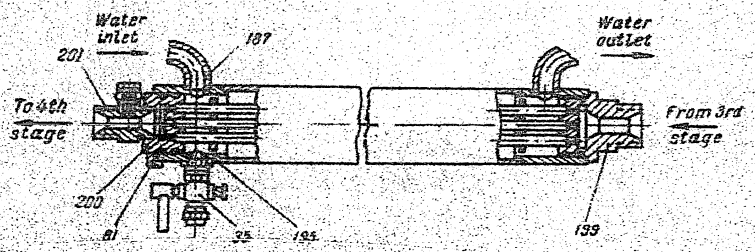
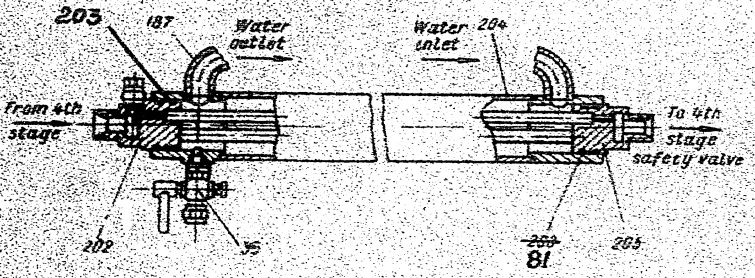
Sheet 19

3rd AND 4th STAGE COOLERS

3rd Stage Cooler



4th Stage Cooler



35 — drain cock; *81* — packing ring; *187* — bend; *195* — housing; *199* — right-hand head; *200* — left-hand head; *201* — connector; *202* — left-hand head; *203* — packing ring; *204* — housing; *205* — right-hand head

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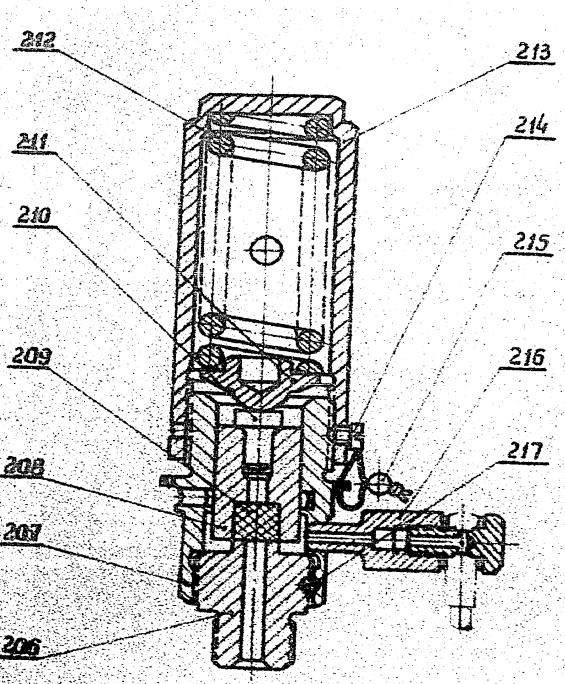
Sheet 20

4TH STAGE SAFETY VALVE



206 — seat; *207* — body; *208* — valve; *209* — insert; *210* — stop; *211* — disk; *212* — spring; *213* — sleeve; *214* — screw; *215* — seal; *216* — connector $Д_у$ 3; *217* — pin

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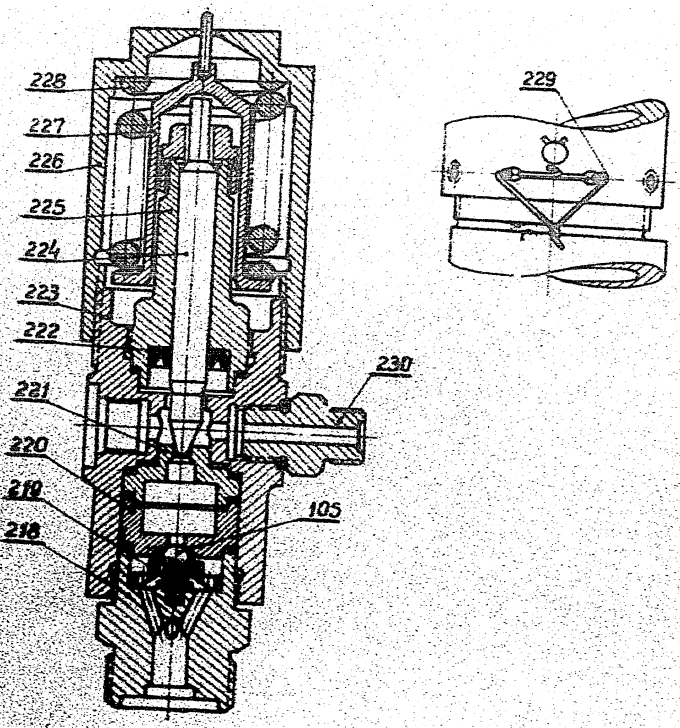
Sheet 21

PRESSURE MAINTAINING VALVE



105 — ball; *218* — connector $Д_y$ 10; *219* — sleeve; *220* — lower seat; *221* — upper seat; *222* — cup; *223* — body; *224* — rod; *225* — sleeve; *226* — adjusting cup; *227* — cup; *228* — spring; *229* — screw; *230* — connector

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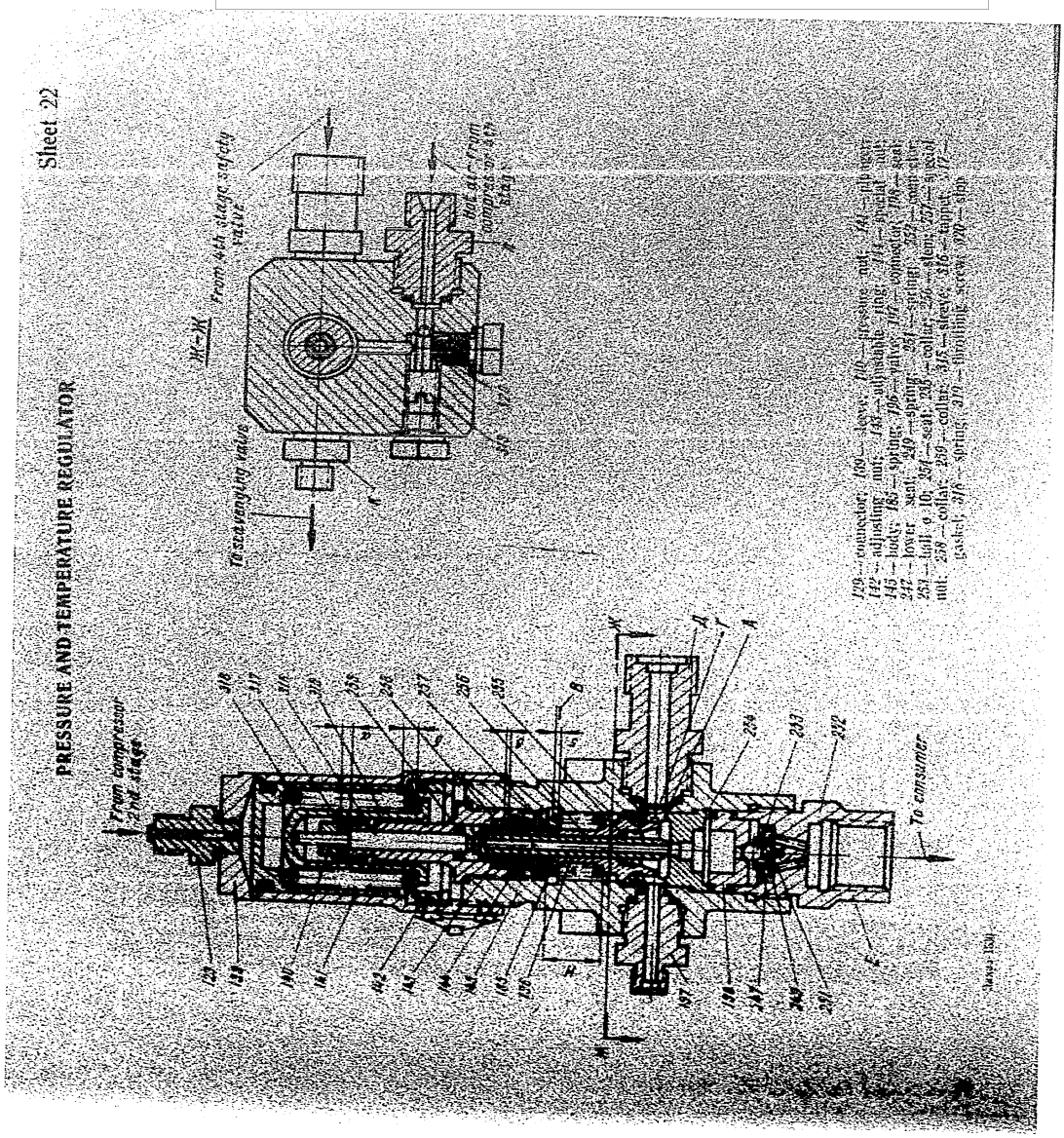

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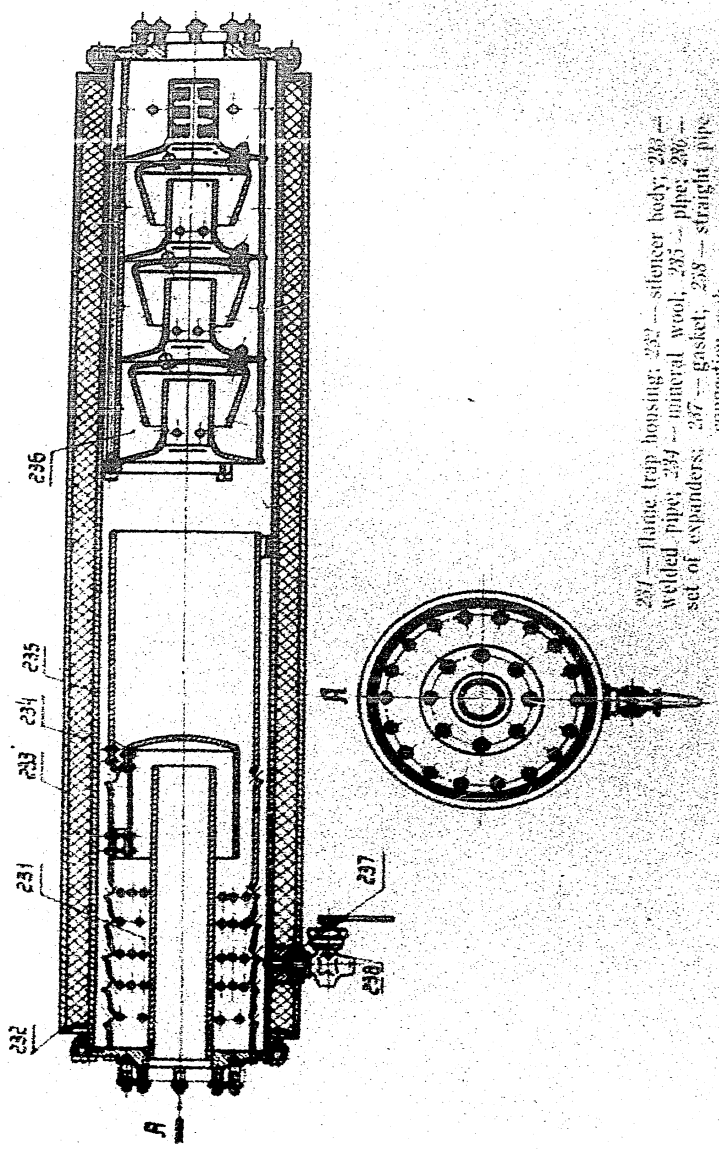
Sheet 23

SILENCER



232 — flange trap housing; 233 — silencer body; 234 — welded pipe; 235 — mineral wool; 236 — pipe; 237 — set of expanders; 238 — straight pipe connection cock

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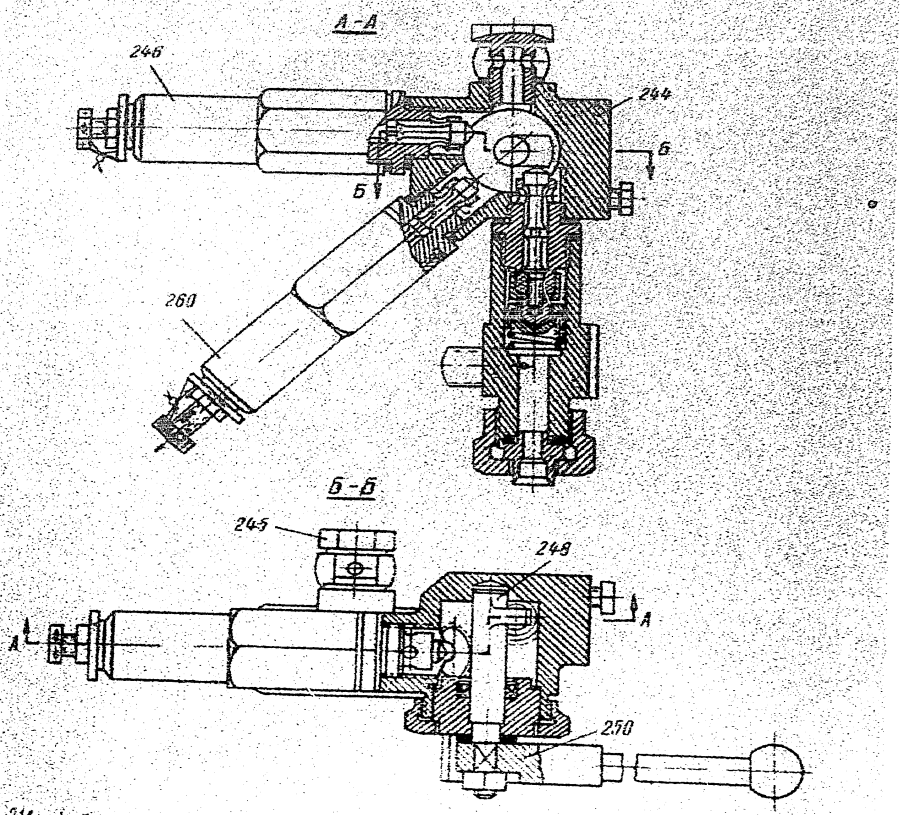
Sheet 25

STARTING AIR DISTRIBUTOR



244 — body; 245 — connector Ду 8; 246 — safety valve; 248 — shaft; 250 — handle; 260 — valve (regulating one)

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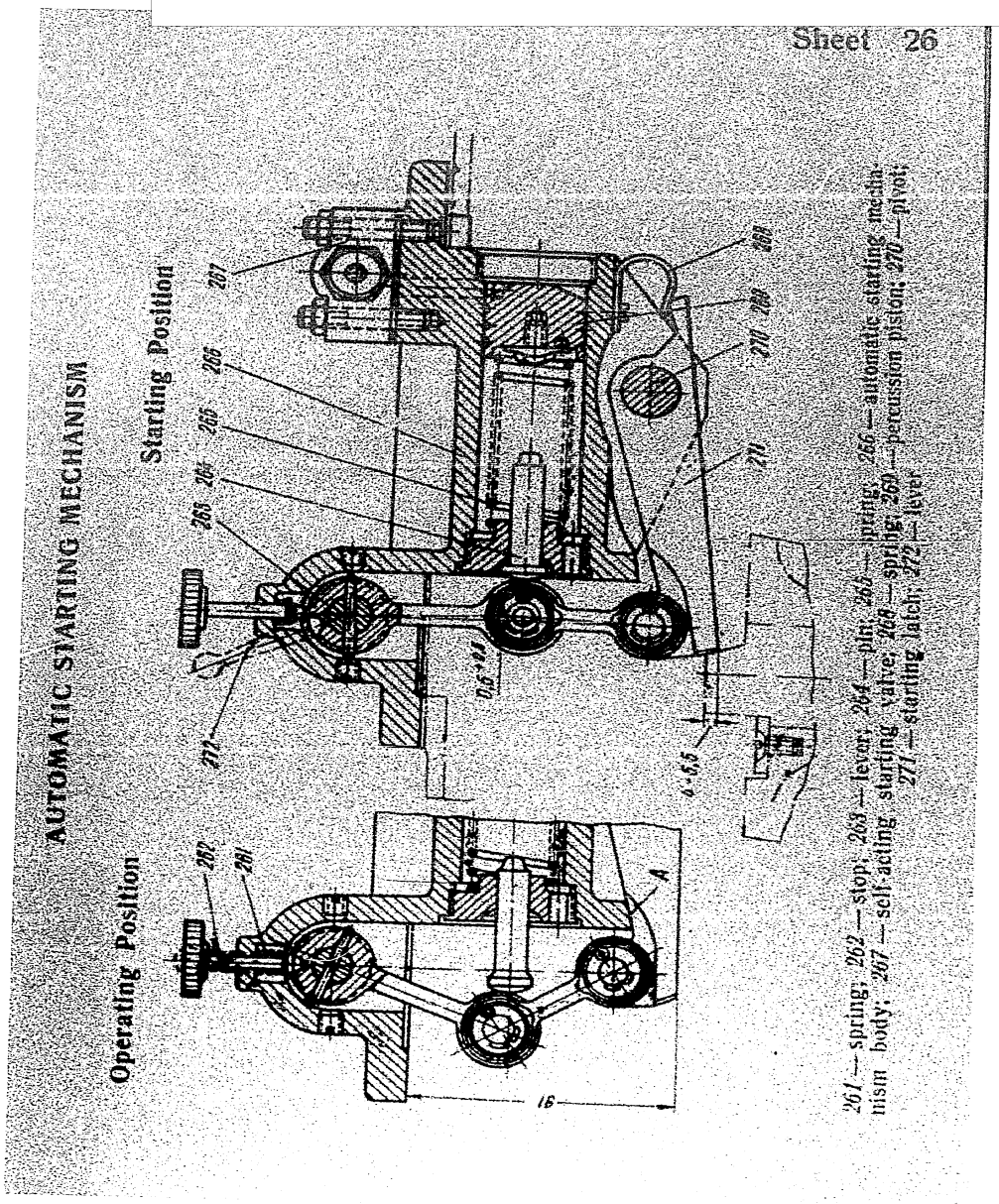
Sheet 26



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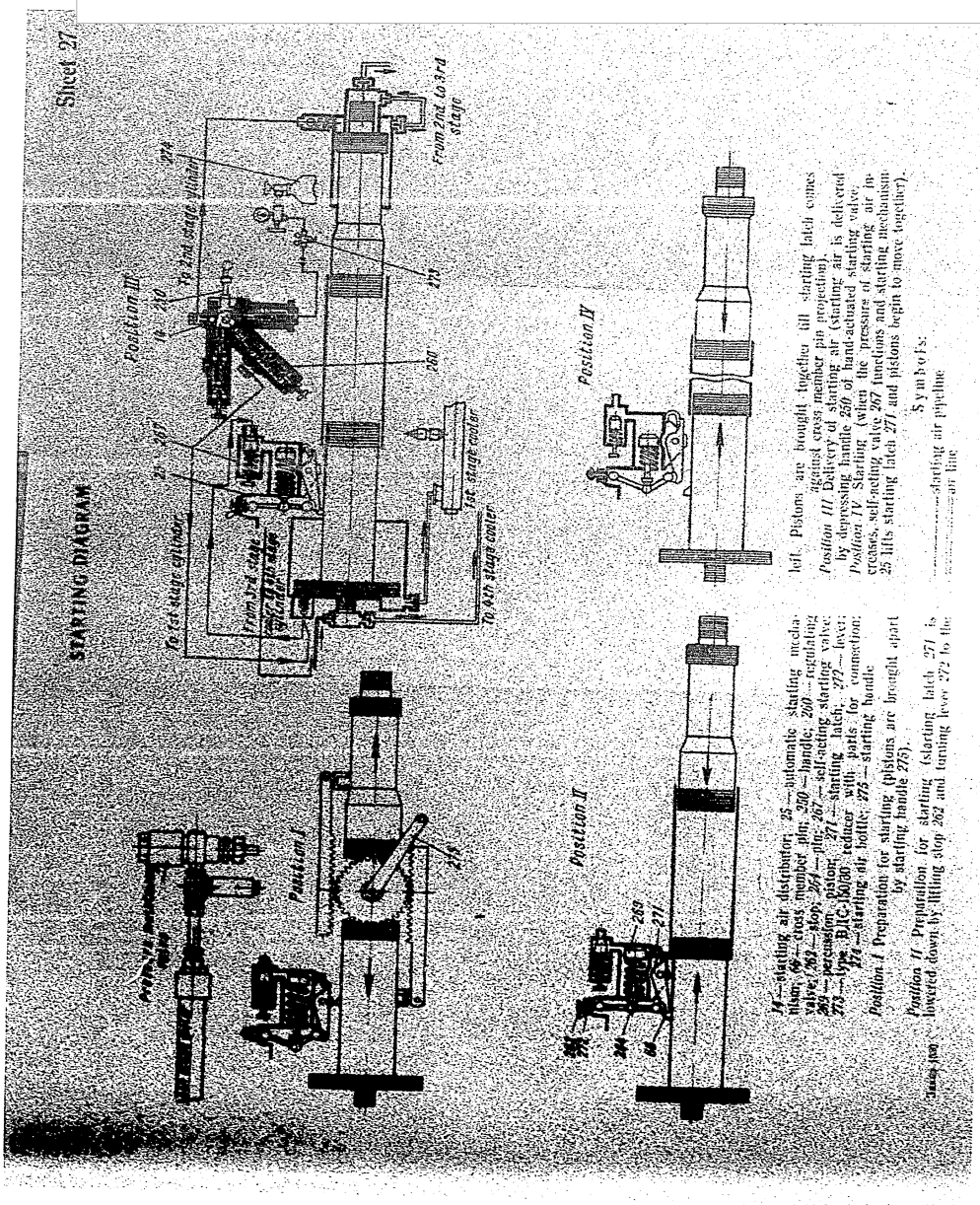
Sheet 27
STARTING DIAGRAM
Position III
Position I
Position II
Position IV
To 1st stage cylinder
From 1st stage
To 2nd stage cylinder
From 2nd stage
To 3rd stage cylinder
From 2nd to 3rd stage
To 1st stage cooler
From 1st stage cooler
To 2nd stage cooler
From 2nd stage cooler
To 3rd stage cooler
From 3rd stage cooler

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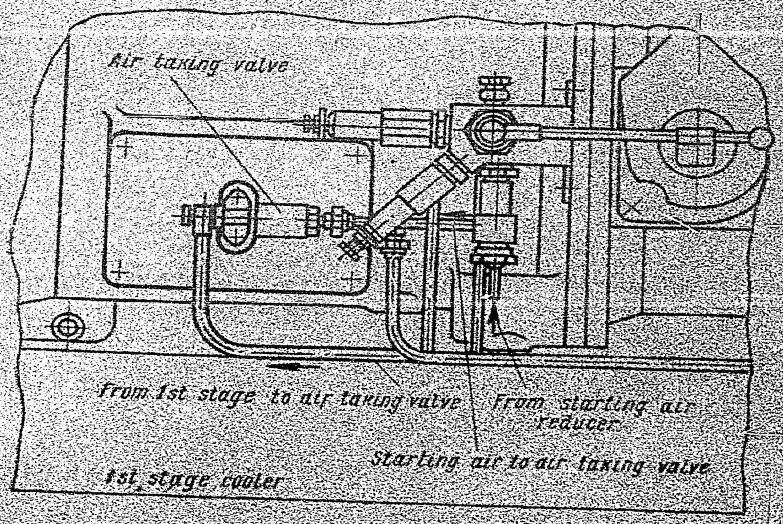
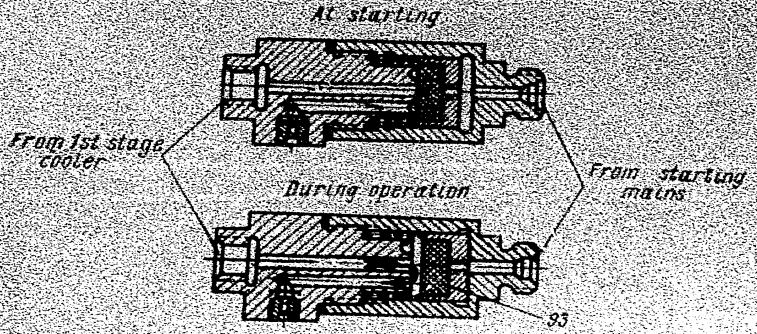
Sheet 28

SYSTEM FOR TAKING AIR FROM 1st STAGE FOR SCAVENGING


Air taking valve
From 1st stage to air taking valve
From starting air reducer
Starting air to air taking valve
1st stage cooler

Air taking valve



93 — insert

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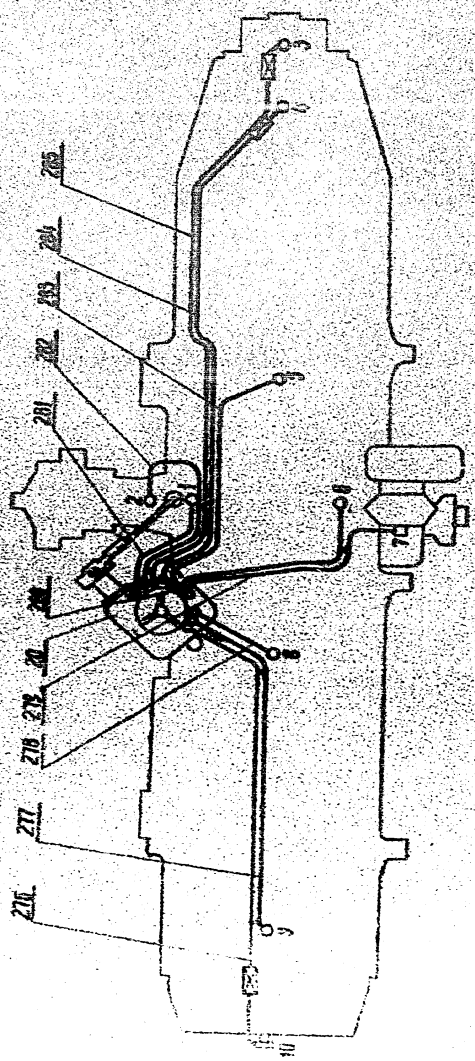
OIL PIPING



20 — lubricator; *276* — piping to deliver lubricant to 4th stage cylinder; *277* — piping to deliver lubricant to 1st stage cylinder; *278* — piping to deliver lubricant to engine liner (scavenging side); *279* — piping to deliver lubricant to fuel pump shaft; *280* — piping to deliver lubricant to toothed rack guide (fuel pump side); *281* — piping to deliver lubricant to toothed rack guide (water pump side); *282* — piping to deliver lubricant to engine liner (exhaust side); *283* — piping to deliver lubricant to water pump drive shaft; *285* — piping to deliver lubricant to 3rd stage cylinder
1—10 — lubrication points (see "Lubricator Tappet Screw Adjusment Table" in the Description of the Diesel-Driven Compressor)

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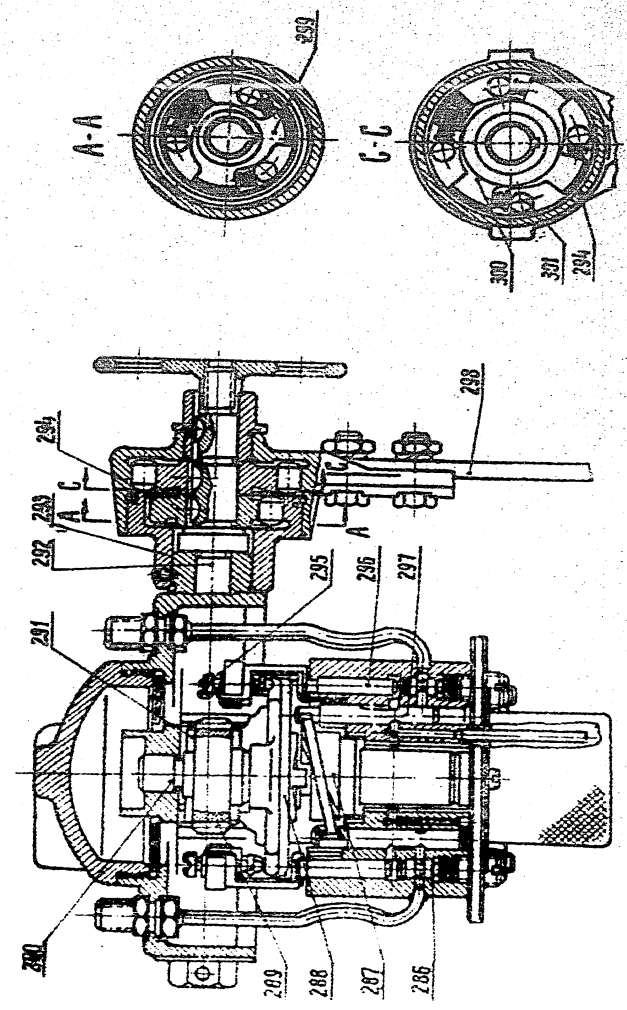
Sheet 30

LUBRICATOR



286 — pump element body; 287 — slide valve actuating disk; 288 — plunger actuating disk; 289 — driven gear; 290 — shaft; 291 — driving gear; 292 — shaft; 293 — casing; 294 — roller coupling casing; 295 — tappet screw; 296 — plunger; 297 — slide valve; 298 — rocker arm; 299 — sprocket; 300 — sprocket; 301 — roller 9×12

SECRET

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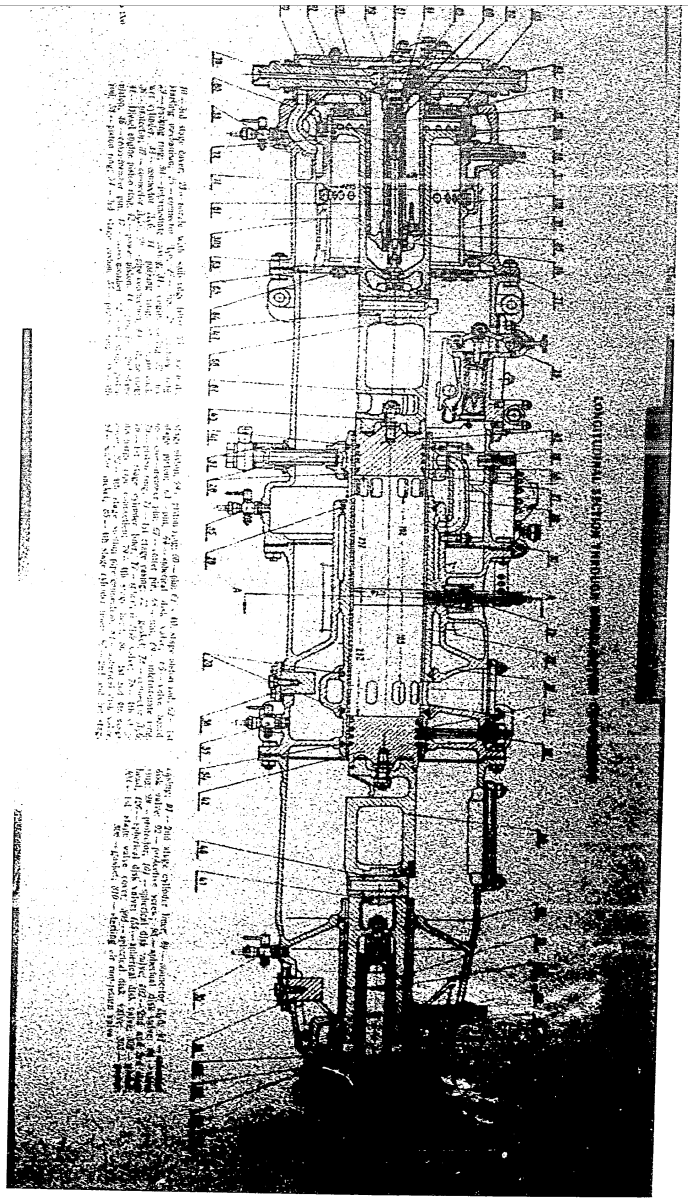

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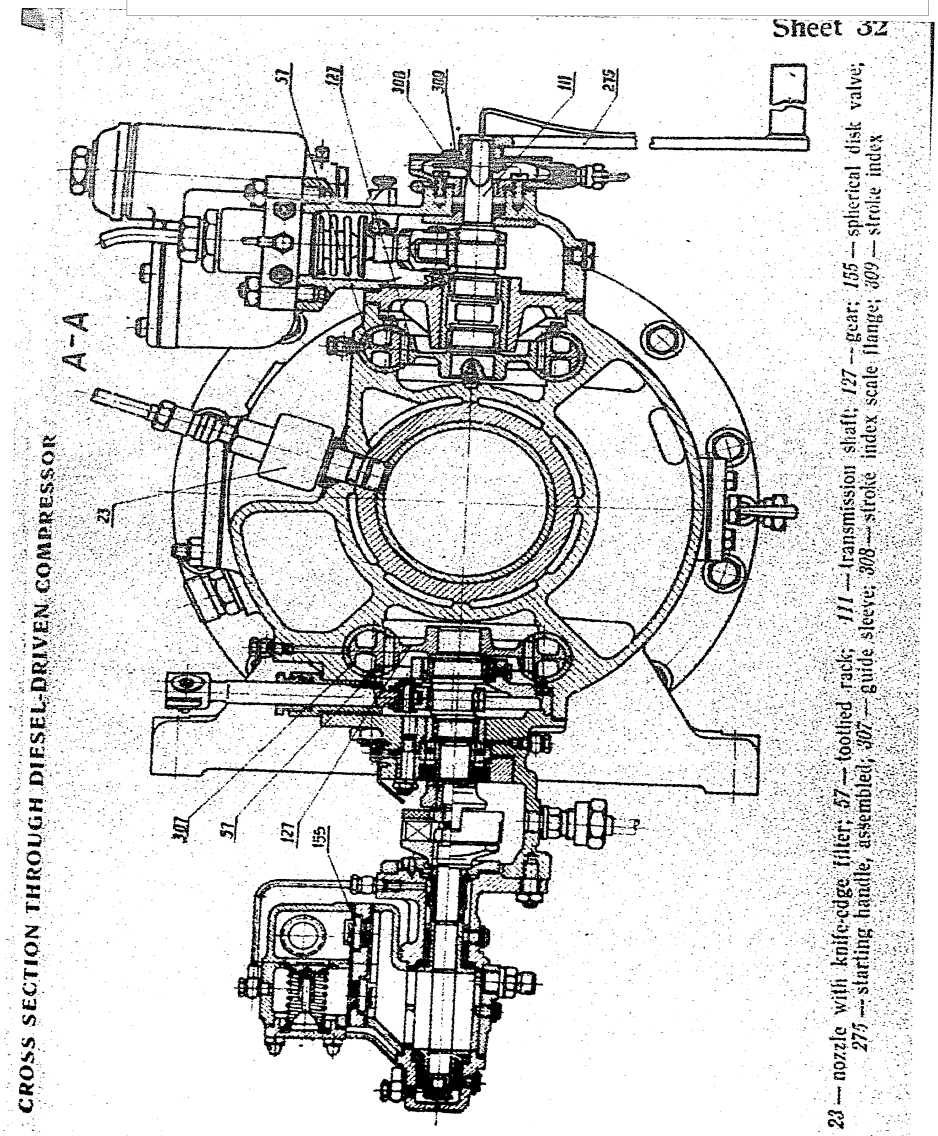
Sheet 32

CROSS SECTION THROUGH DIESEL-DRIVEN COMPRESSOR



23 — nozzle with knife-edge filter; *57* — toothed rack; *111* — transmission shaft; *127* — gear; *155* — spherical disk valve; *275* — starting handle, assembled; *307* — guide sleeve; *309* — stroke index scale flange; *309* — stroke index

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List of modifications and errata No 1

Page	Item No	Printed	Should be read
	I	Modifications introduced in the text.	
Sheet 4		Air	Scavenging air
Sheet 19		Scavenging air	Air
		203	81
			203
	II	Modifications not introduced in the text	
3	32	ДК2-02.004	ВКСДК2-05.025
4	37	556-И94	ДК2-06.242
	42	ДК2-03.004	ВКСДК2-05.004
7	169	935-И87/Spring РК2	935-64.082/Spring

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